

VELOX PLUS



POWER REDEFINED FOR INTENSE FORKLIFT APPLICATIONS

PRODUCT DESCRIPTION

Enhance your forklift fleet with VeloxPlus, the high-performance solution within the Velox Ecosystem. Designed for intensive operations, VeloxPlus delivers maximum power, durability, and efficiency to withstand long operating hours and challenging environments.

With an impressive 6,000+ cycle life, fast charging capabilities, and a rugged modular design, VeloxPlus provides reliable and sustainable energy for your operations. Fully integrated into the Velox infrastructure, it offers seamless compatibility and future-proofing through Velox Power Cloud monitoring and OTA updates.

Count on VeloxPlus to power your business with innovation, reliability, and superior performance tailored for high-intensity forklift applications.

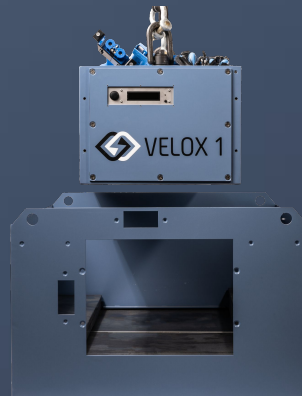
FUTURE PROOF

MODULARITY

Our eBOX and wBOX are standardized and interchangeable. They adapt to the evolution of your power demand and your lift truck compartment, allowing you to navigate among our segmented battery series: VeloxFlex, VeloxPlus, and VeloxMax.



eBOX 1 -> Class I



eBOX 1 -> Class II

MAIN FEATURES

FAST CHARGING

Up to 400A of charging

MODULAR

Personalized energy designs

ONLINE

OTA cloud monitoring

UPGRADABILITY

Compatible module between series

ECOSYSTEM

Compatible with Velox forklift Ecosystem

DURABILITY

Rugged steel design

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SPECIFICATIONS

POWER

Charge connector/port	1x EURO500FK (LV500)
Input power/max charging current	Maximum 400A
Available output voltage	24.0V / 38.4V / 51.2V / 80.0V
Output protection	500 ADC fuse
Available battery capacity	450Ah / 500Ah / 650Ah / 800Ah / 1,000Ah

ALARM OUTPUT

Alarm output	1x Remote buzzer ; 1x Integrated speaker alarm
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GENERAL CHARACTERISTICS

Lithium cells	LiFePo4 Cell technology, compliant with UL1642
Compatible devices	RHL-SOC-BUZZ; RHL-WIFI; RHL-HYG; RHL-LTE

PHYSICAL SPECIFICATIONS

Casing material	Steel housing, IP5X
Dimensions (W x D x H)	Made to forklift dimensions
Weight	Minimum truck weight +1,5%. Additional weight available

BMS PROTECTION

Protection settings	Over current, voltage, temperature, humidity, current sensor, short circuit, contactor cycle, cell count, high charging current
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PHYSICAL INTERFACES (PORTS, LED, BUTTONS)

Power out (discharging)	Made to forklift specs
Status LEDs	1 x Remote indicator 10 - LED; 1 x 2-line OLED display
Switch	ON/OFF push button
CAN truck	Available if the forklift OEM can provide the protocol
Power in (location)*	A standard

POWER IN

